Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092019\
Data File : BF117185.D
Acq On : 20 Sep 2019 13:57
Operator : HP/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
mohammad
9/24/2019 9:12:26 AM

Quant Time: Sep 20 23:05:42 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 13 16:23:17 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	40759	20.00	ng		0.00
21) Naphthalene-d8	8.10	136	183268	20.00	ng		0.00
39) Acenaphthene-d10	9.86	164	97578	20.00	ng		0.00
64) Phenanthrene-d10	11.34	188	155729	20.00	ng		0.01
76) Chrysene-d12	13.99	240	99502	20.00	ng		0.01
87) Perylene-d12	15.43	264	80256	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.44	112	201624	77.23	ng		0.00
7) Phenol-d6	6.46	99	265776	78.77	ng		0.00
23) Nitrobenzene-d5	7.39	82	272576	78.15	ng		0.00
42) 2,4,6-Tribromophenol	10.65	330	69730	85.50	ng		0.00
45) 2-Fluorobiphenyl	9.18	172	537214	86.08	ng		0.00
79) Terphenyl-d14	12.93	244	503566	94.60	ng		0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.57	88	37534	34.358	ng		96
3) Pyridine	3.32	79	99097	33.142	ng		95
4) n-Nitrosodimethylamine	3.27	42	43943	42.824	ng	#	76
6) Aniline	6.49	93	168393	38.765	ng		97
8) 2-Chlorophenol	6.61	128	112610	39.984	ng		98
9) Benzaldehyde	6.37	77	71064	42.819	ng		94
10) Phenol	6.47	94	143893	38.687	ng		84
11) bis(2-Chloroethyl)ether	6.56	93	107062	39.164	ng		97
12) 1,3-Dichlorobenzene	6.76	146	129041	40.831	ng		99
13) 1,4-Dichlorobenzene	6.84	146	132126	40.967	ng		98
14) 1,2-Dichlorobenzene	6.99	146	125713	41.865	ng		96
15) Benzyl Alcohol	6.97	79	110842	42.841	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.10	45	106998	39.617	ng		90
17) 2-Methylphenol	7.08	107	94606	40.081	ng		93
18) Hexachloroethane	7.33	117	53627	43.222	ng		91
19) n-Nitroso-di-n-propylamine	7.24	70	91245	44.413	ng		92
20) 3+4-Methylphenols	7.23	107	124032	42.186	ng		97
22) Acetophenone	7.23	105	187512	40.271	ng	#	95
24) Nitrobenzene	7.41	77	130715	37.949	ng		96
25) Isophorone	7.65	82	240206	38.895	ng		99
26) 2-Nitrophenol	7.72	139	56353	38.088	ng		95
27) 2,4-Dimethylphenol	7.76	122	87167	37.151	ng		98
28) bis(2-Chloroethoxy)methane	7.85	93	148780	39.101	ng		99
29) 2,4-Dichlorophenol	7.97	162	94429	38.410	ng		96
30) 1,2,4-Trichlorobenzene	8.05	180	105395	39.681	ng		99
31) Naphthalene	8.13	128	342987	38.914	ng		99
32) Benzoic acid	7.92	122	57153m	34.422	ng		
33) 4-Chloroaniline	8.17	127	146761	37.541	ng		96
34) Hexachlorobutadiene	8.25	225	65905	43.735	ng		98
35) Caprolactam	8.56	113	27310m	32.819	ng		
36) 4-Chloro-3-methylphenol	8.66	107	110609	38.585	ng		95
37) 2-Methylnaphthalene	8.82	142	239665	40.379	ng		99
38) 1-Methylnaphthalene	8.92	142	224638	40.410	ng		99
40) 1,2,4,5-Tetrachlorobenzene	8.99	216	101051	40.104	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.97	237	43318	42.925	ng		99
43) 2,4,6-Trichlorophenol	9.10	196	64519	37.731	ng		99
44) 2,4,5-Trichlorophenol	9.15	196	65907	36.075	ng		97
46) 1,1'-Biphenyl	9.28	154	303265	39.622	ng		98
47) 2-Chloronaphthalene	9.31	162	231255	38.283	ng		99
48) 2-Nitroaniline	9.40	65	72684	37.513	ng		87
49) Acenaphthylene	9.72	152	336951	37.235	ng		100
50) Dimethylphthalate	9.58	163	272993	39.513	ng		100
51) 2,6-Dinitrotoluene	9.65	165	54126	38.465	ng	#	75
52) Acenaphthene	9.89	154	205136	38.241	ng		100
53) 3-Nitroaniline	9.82	138	62881	35.418	ng		91
54) 2,4-Dinitrophenol	9.93	184	18944	36.773	ng		93
55) Dibenzofuran	10.06	168	307122	38.805	ng		94
56) 4-Nitrophenol	9.99	139	41561	36.120	ng		87
57) 2,4-Dinitrotoluene	10.06	165	71200	38.981	ng	#	86
58) Fluorene	10.41	166	256567	40.243	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.19	232	52805	37.770	ng		95
60) Diethylphthalate	10.28	149	280750	41.303	ng		97
61) 4-Chlorophenyl-phenylether	10.40	204	118104	42.816	ng		99
62) 4-Nitroaniline	10.43	138	62680	33.949	ng	#	82
63) Azobenzene	10.56	77	280464	40.400	ng		97
65) 4,6-Dinitro-2-methylphenol	10.47	198	25839	38.081	ng		85
66) n-Nitrosodiphenylamine	10.52	169	215061	39.987	ng		99
67) 4-Bromophenyl-phenylether	10.89	248	67949	42.725	ng		98
68) Hexachlorobenzene	10.96	284	71808	41.281	ng		98
69) Atrazine	11.04	200	54826	39.689	ng		99
70) Pentachlorophenol	11.16	266	39972	49.023	ng		99
71) Phenanthrene	11.37	178	344958	38.999	ng		99
72) Anthracene	11.42	178	346637	38.385	ng		99
73) Carbazole	11.57	167	305260	35.613	ng		98
74) Di-n-butylphthalate	11.90	149	457250	44.835	ng		99
75) Fluoranthene	12.56	202	335919	36.961	ng		97
77) Benzidine	12.67	184	104661	32.653	ng		100
78) Pyrene	12.79	202	332213	39.791	ng		99
80) Butylbenzylphthalate	13.39	149	175880	44.583	ng		97
81) Benzo(a)anthracene	13.97	228	255616	38.451	ng		99
82) 3,3'-Dichlorobenzidine	13.93	252	80108	37.395	ng		96
83) Chrysene	14.01	228	243967	37.627	ng		98
84) Bis(2-ethylhexyl)phthalate	13.95	149	251672	49.478	ng		97
85) Di-n-octyl phthalate	14.56	149	377951	47.209	ng		100
86) Indeno(1,2,3-cd)pyrene	16.89	276	167257	35.358	ng		98
88) Benzo(b)fluoranthene	15.02	252	189339	38.947	ng		98
89) Benzo(k)fluoranthene	15.04	252	187859m	40.794	ng		
90) Benzo(a)pyrene	15.37	252	163594	38.349	ng		98
91) Dibenzo(a,h)anthracene	16.89	278	143752	42.300	ng		97
92) Benzo(g,h,i)perylene	17.32	276	125939	37.189	ng		97

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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